

FIG.1

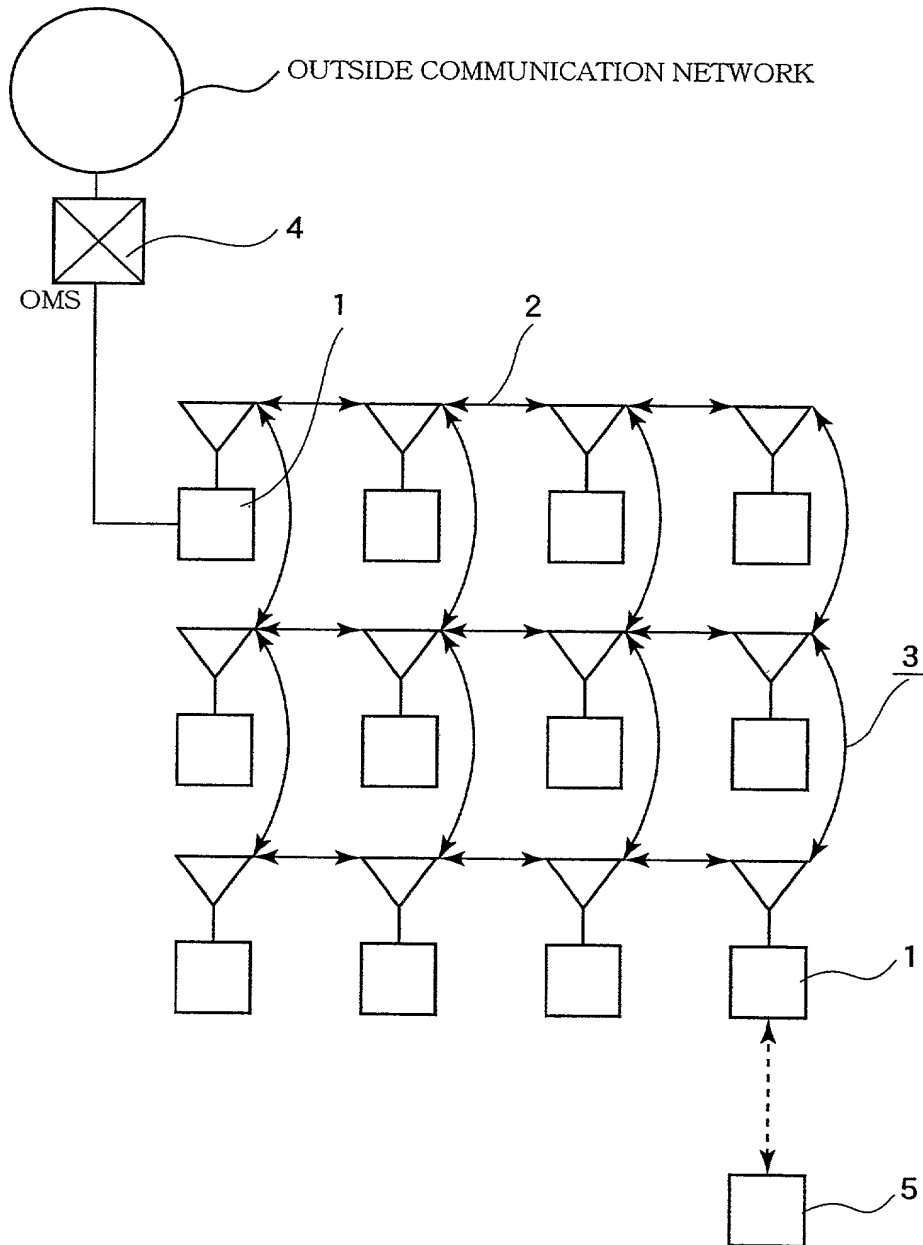


FIG.1

FIG.2

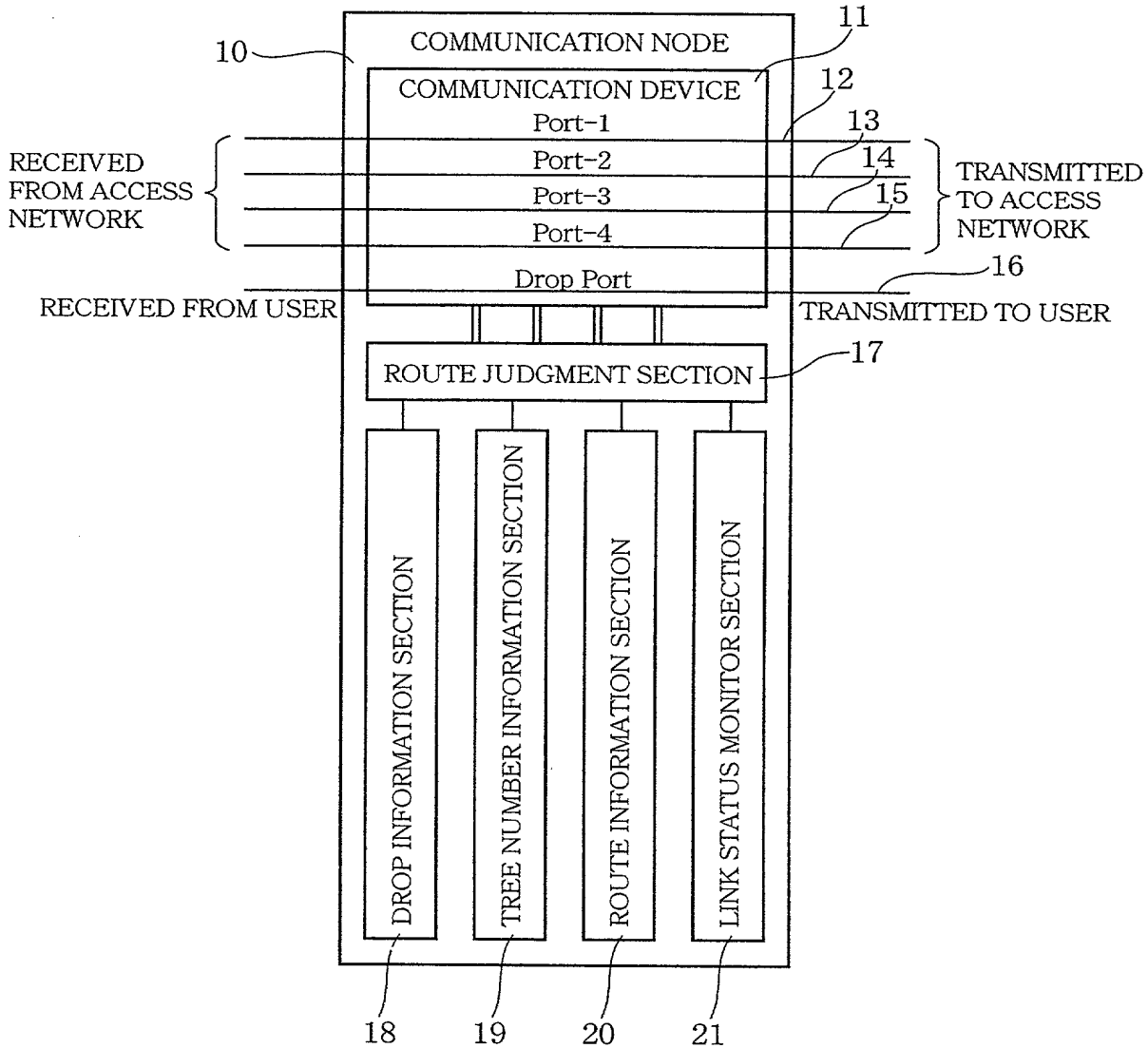


FIG. 2 of 6055001

FIG.3

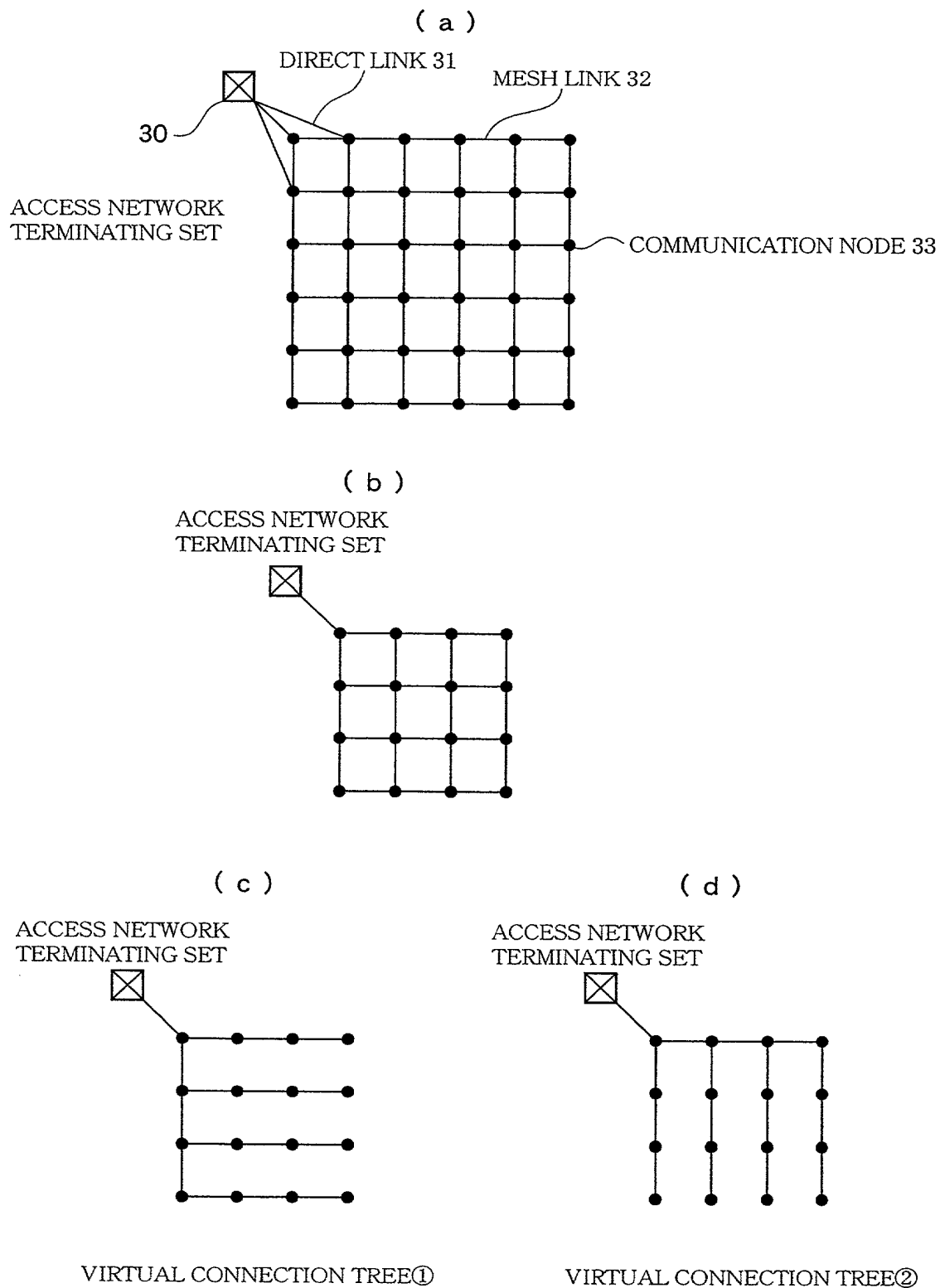
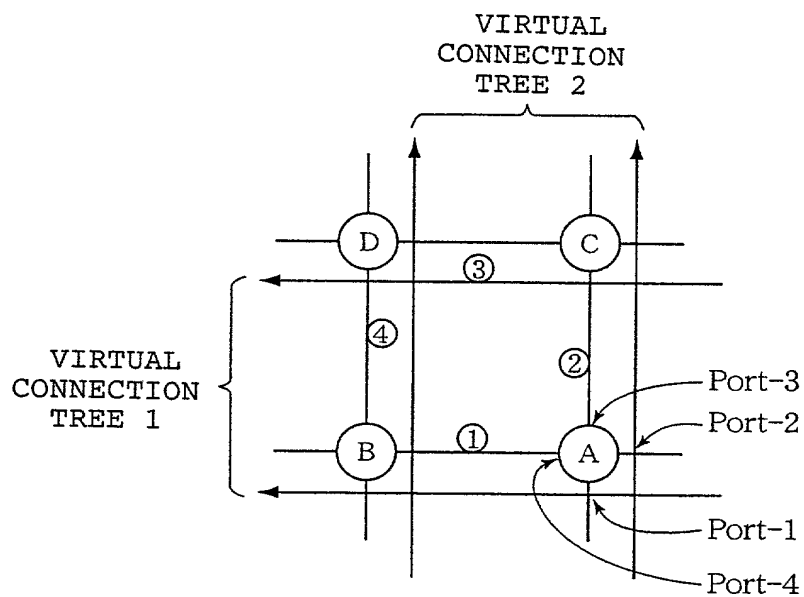


FIG.4



1003509 103001

FIG.5

Tree-ID	PRTN		MNID BELONGING TO LOWER POSITION (LOWER POSITION MNID)	REMARKS
	UPPER POSITION SIDE	LOWER POSITION SIDE		
1	4	2	3,4,8,14,15	UPPER POSITION PRTN IS ONE ONLY FOR EACH TREE. HOWEVER, LOWER POSITION PRTN AND LOWER POSITION MNID MAY EXIST IN PLURALITIES.
2	3	1	5,8,18,19	

FIG.6

( a )

PRTN	LINK CONDITION	REMARKS
#1	Enable	
#2	Enable	
#3	Enable	
#4	Enable	

( b )

PRTN	LINK CONDITION	REMARKS
#1	Enable	
#2	Enable	
#3	Enable	
#4	Dissable	

FIG.7

Tree-ID	DESTINATION MNID (OMSID)	OWN STATION MNID	User-ID	REMARKS
4	1001	35	1	1) IN THE PRESENT SYSTEM, IT IS POSSIBLE TO ALLOT CONVENIENTLY A PLURALITY OF OMSIDS FOR THE PURPOSE OF INCREASING THE NUMBER OF USER-IDS WHICH CAN BE ALLOTTED TO ONE PIECE OF OMS.
3			2	
2			3	
2			4	
5			5	
1			6	
1	1002	261	1	2) IN THE PRESENT SYSTEM, IT IS POSSIBLE TO ALLOT CONVENIENTLY A PLURALITY OF MNIDS FOR THE PURPOSE OF INCREASING THE NUMBER OF THE USER-IDS WHICH CAN BE ALLOTTED TO ONE PIECE OF MN.
1			2	
2			3	
3			4	
5			5	
5			6	
3	1002	261	1	2) IN THE PRESENT SYSTEM, IT IS POSSIBLE TO ALLOT CONVENIENTLY A PLURALITY OF MNIDS FOR THE PURPOSE OF INCREASING THE NUMBER OF THE USER-IDS WHICH CAN BE ALLOTTED TO ONE PIECE OF MN.
2			2	
3			3	
1			4	
3			5	
1			6	

FIG.8

DESTINATION MNID (OMSID)	OWN STATION MNID	User-ID	PPP path ID	REMARKS
1001	35	1	1	1) IN THE PRESENT SYSTEM, IT IS POSSIBLE TO ALLOT CONVENIENTLY A PLURALITY OF OMSIDS FOR THE PURPOSE OF INCREASING THE NUMBER OF USER-IDS WHICH CAN BE ALLOTTED TO ONE PIECE OF OMS.
		2	2	
		3	3	
		4	4	
		5	5	
		6	6	
1002	261	1	7	2) IN THE PRESENT SYSTEM, IT IS POSSIBLE TO ALLOT CONVENIENTLY A PLURALITY OF MNIDS FOR THE PURPOSE OF INCREASING THE NUMBER OF THE USER-IDS WHICH CAN BE ALLOTTED TO ONE PIECE OF MN.
		2	8	
		3	9	
	35	1	10	
		2	11	
		3	12	
		4	13	
		5	14	
		6	15	
	261	1	16	
		2	17	
		3	18	



FIG.9

MSB								LSB				
8	7	6	5	4	3	2	1					Octet
Tree-ID				User-ID								
0	0	0	0	0	0	0	0					1
DESTINATION MN-ID												
0	0	0	0	0	0	0	0					2
DESTINATION MN-ID				ORIGINATING MN-ID								
0	0	0	0	0	0	0	0					3
ORIGINATING MN-ID				CT				EMS				
0	0	0	0	0	0	0	0					4
HEC												
0.	0	0	0	0	0	0	0					5

FIG.10

Tree-ID 1	User-ID 8
DESTINATION MN-ID 1002	
DESTINATION MN-ID	ORIGINATING MN-ID 11
ORIGINATING MN-ID	CT EMS 0

FIG.10

FIG.11  
( a )

Tree-ID 1	User-ID 8
DESTINATION MN-ID 1002	
DESTINATION MN-ID	ORIGINATING MN-ID 11
ORIGINATING MN-ID	CT
EMS 0	

( b )

Tree-ID 2	User-ID 8
DESTINATION MN-ID 1002	
DESTINATION MN-ID	ORIGINATING MN-ID 11
ORIGINATING MN-ID	CT
EMS 0	

FIG.12

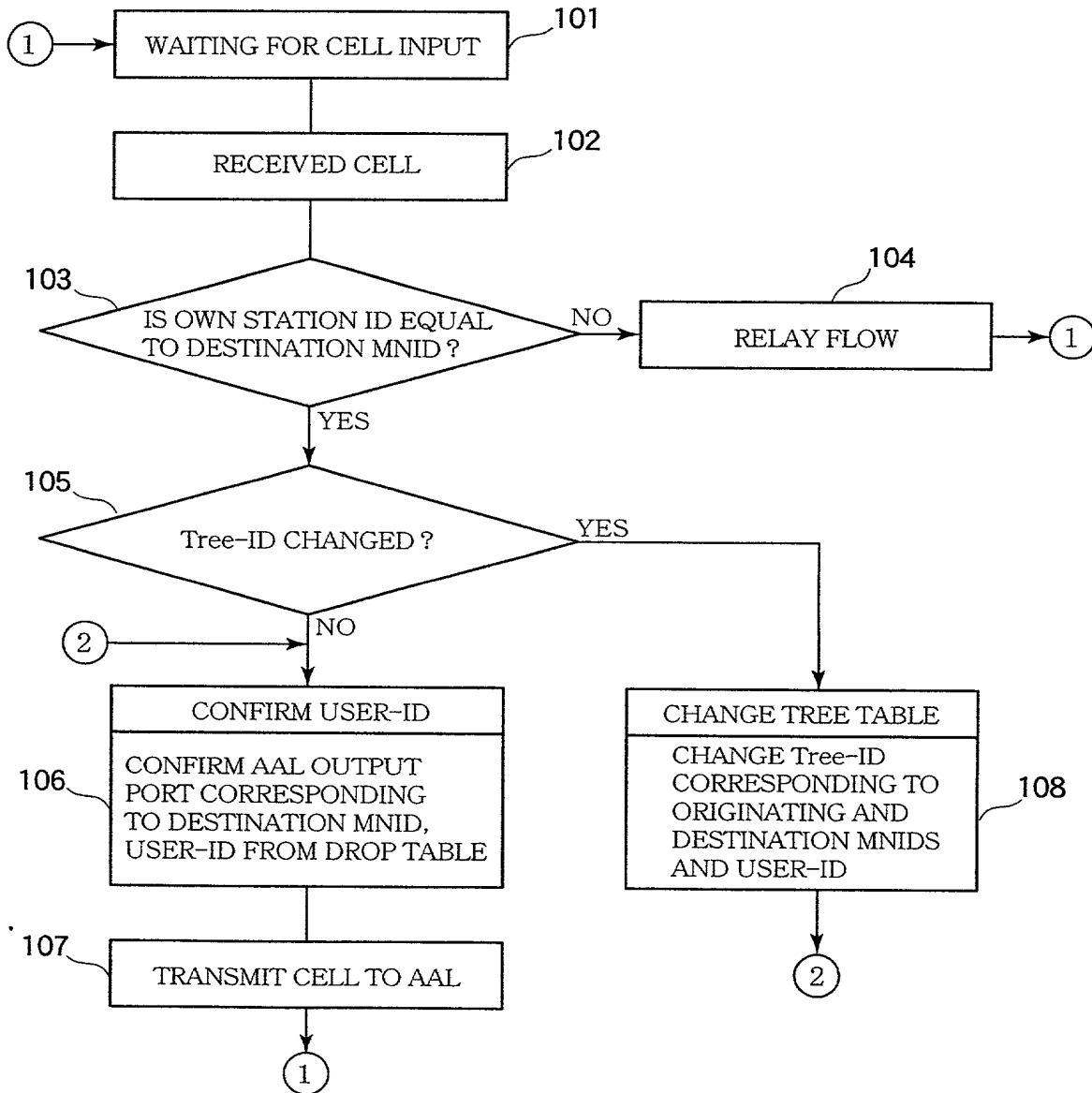


FIG.13

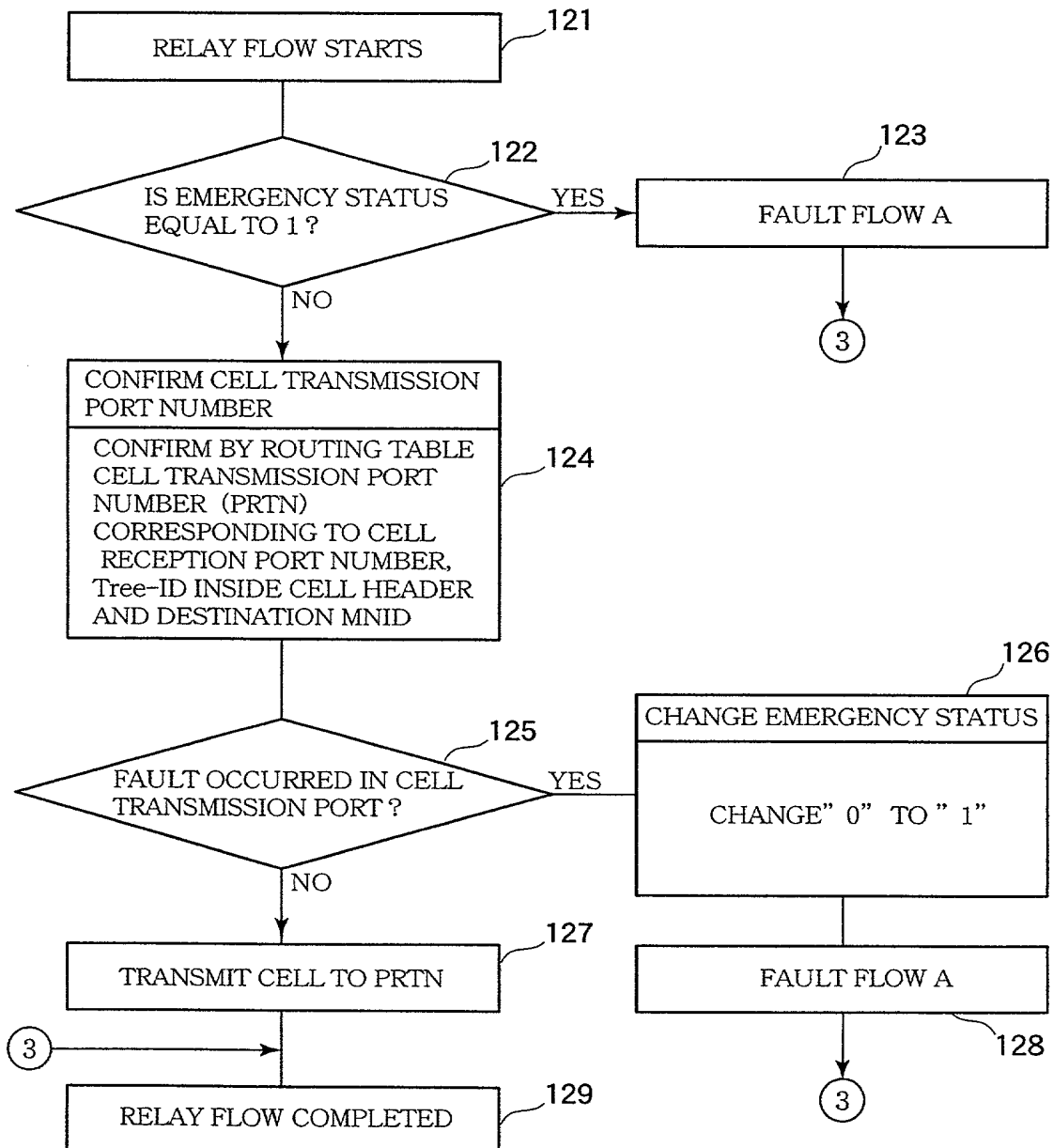


FIG.14

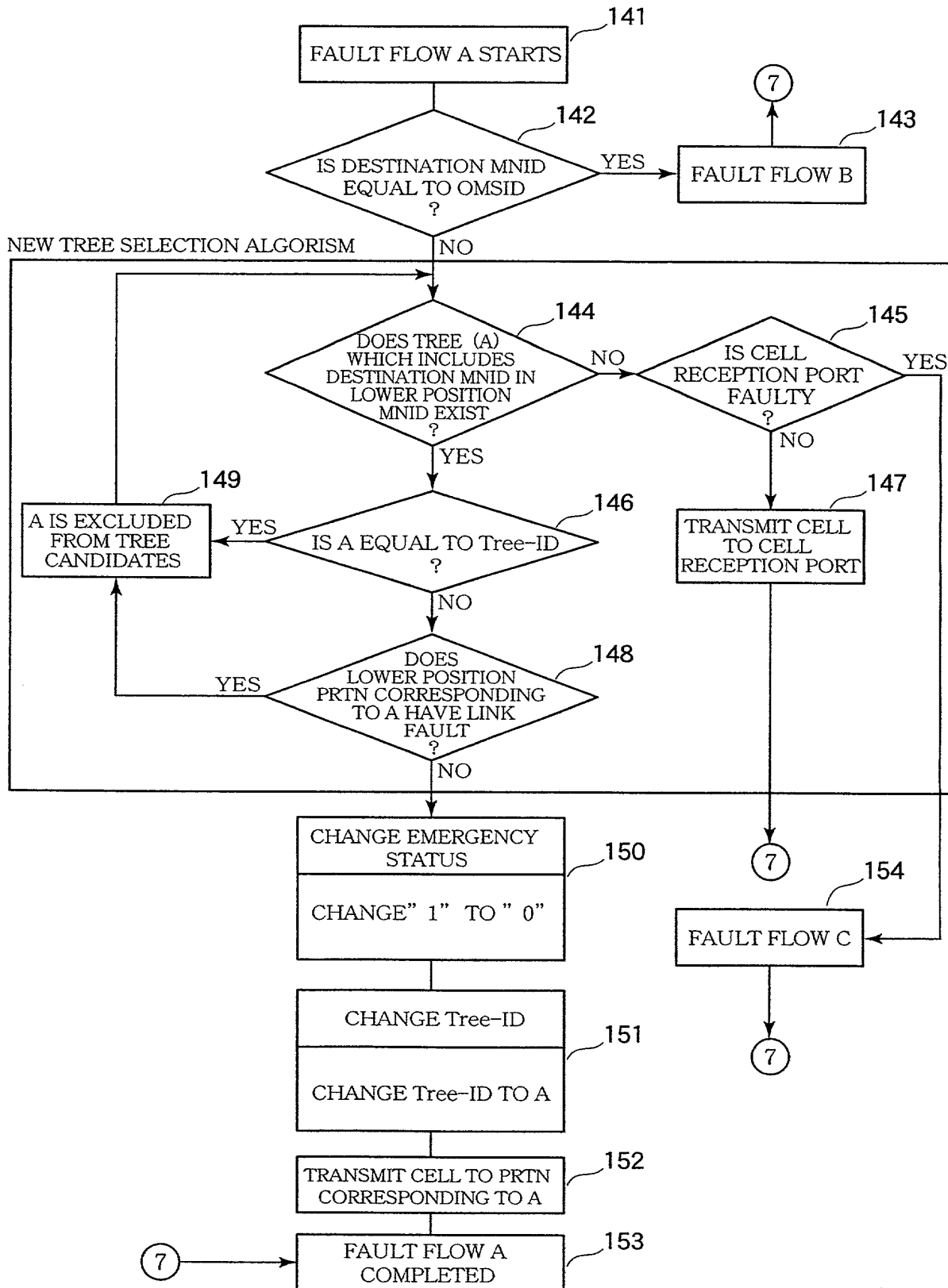


FIG.15

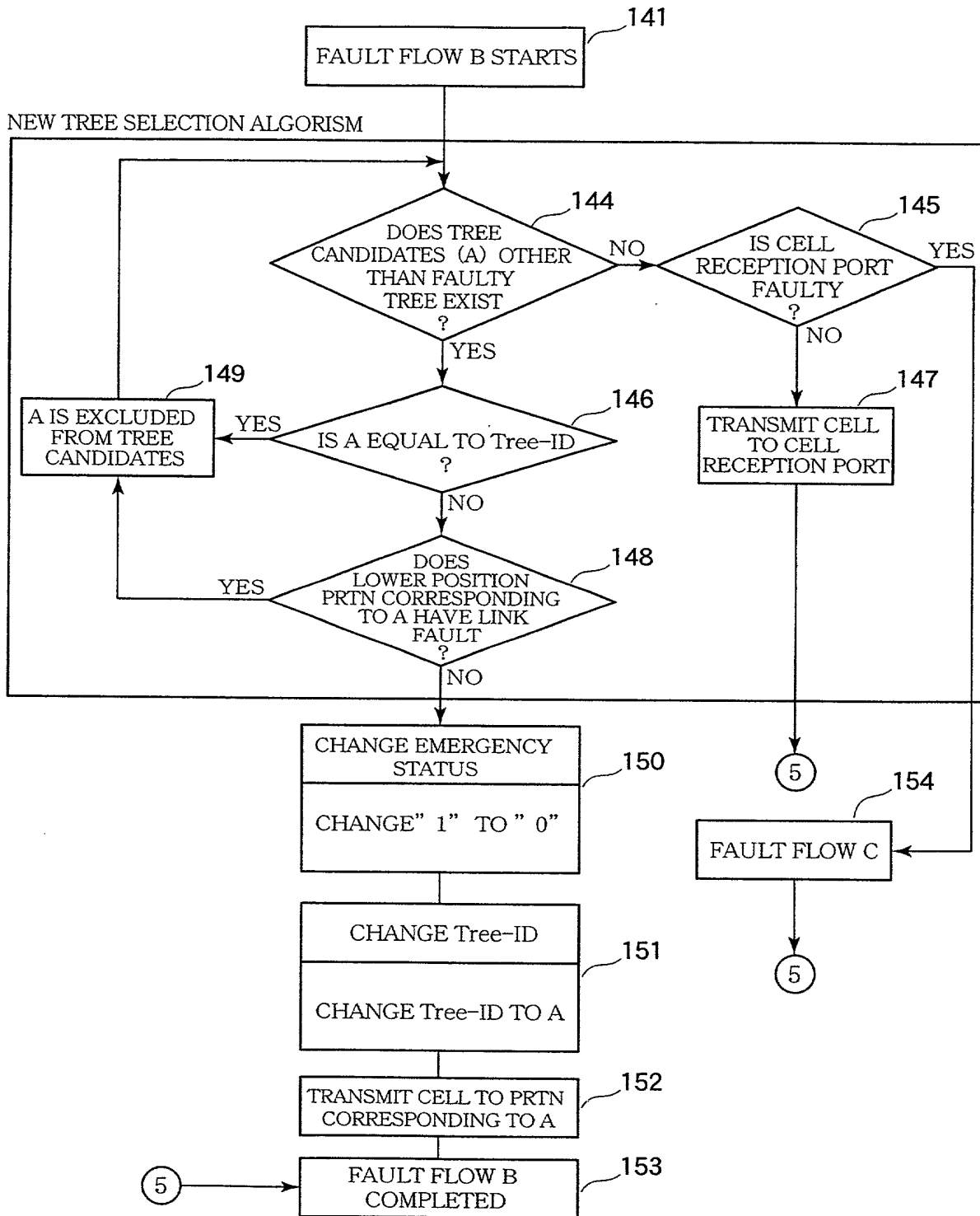


FIG.16

